


**emergency
beacon corp.**

**MADE
IN THE
USA**

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Emergency Locator Transmitters (ELTs)

Do they save lives?

Absolutely.

Do they always work?

No.

Interference With ELT Efficacy

- ✓ Installation errors
- ✓ Post-installation errors

Proper ELT Installation

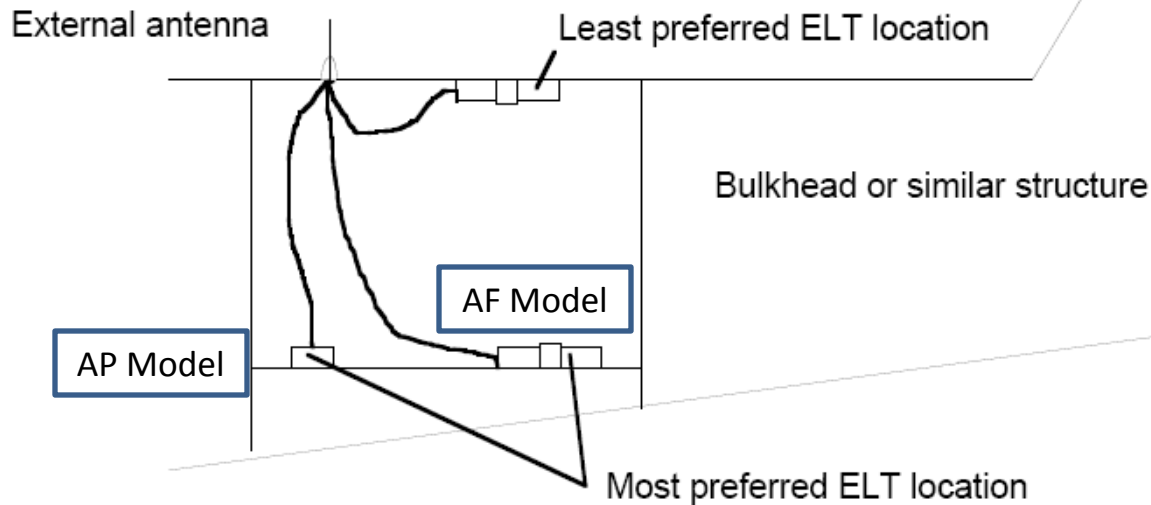
Different models, different installations

- ✓ Automatic fixed (AF) transmitter
 - Install far back in the craft
 - Install a remote control unit in the panel for pilot testing and resetting

- ✓ Automatic portable (AP) transmitter
 - Install in cockpit or cabin area, within pilot reach
 - Does not need a remote control monitor

Proper ELT Installation

Install both in or on a rigid surface



Proper ELT Installation

- Antennas need a ground plane
- Cable should not cross a break point in aircrafts' structure

Post-Installation Problems

- ✓ Disabling ELTs
- ✓ Failure to test periodically
- ✓ Not replacing batteries at recommended intervals
- ✓ No/incorrect registration of ELT with NOAA*

*National Oceanographic and Atmospheric Administration

Disabling ELTs

- ✓ Pilot disconnects or turns off ELT

ELT Periodic Testing Procedures

- ✓ AP or AF for fixed-wing aircraft: To test automatic activation, use a forward-snapping motion (flicking) in the direction of the arrow.
- ✓ ELT for helicopters: Swing (like a tennis racket) or throw (like a football), then snap back.

Approved 5-Year Lithium Battery Pack



GS-46 Lithium Battery Pack

Approved 2-Year Alkaline Battery Packs



GS-52 Alkaline Battery Pack

- ✓ Keep registration current
- ✓ Correctly copy hex code onto the registration form





Save Time! Register your beacon online at: www.beaconregistration.noaa.gov

Official 406 MHz ELT Registration Form

Mail or Fax to:
NOAA/SARSAT
NSOF, E/SP3
4231 Suitland Road
Suitland, MD 20746
Fax No. 301-817-4565

ELT Information

Beacon ID (Unique Identifier Number)

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(15 digit character ID provided by ELT manufacturer)

ELT Manufacturer _____ Model No. _____

ELT Registration

- ☐ New ELT Registration
☐ Renewal of ELT Registration
☐ Change of ELT Information or Ownership
- ☐ Replacement of ELT Decal
☐ Check here if this ELT is a replacement for a previously registered ELT.
Please enter the old ELT unique ID number _____

Owner/Operator Information

Name _____ (Last, First, Middle Initial) E-mail _____
Mailing Address _____ Telephone _____
City _____ State/Province _____
ZIP (Postal) Code _____ Country _____

Aircraft Information

Registration (Tail) Number _____

Usage

- ☐ Commercial ☐ Non-commercial
☐ Government Military ☐ Government Non-military

Type

- ☐ Single-engine Propeller ☐ Single-engine Jet ☐ Multi-engine Propeller
☐ Multi-engine Jet ☐ Helicopter ☐ Other _____

Aircraft Manufacturer _____

Model _____ Color _____

Seating Capacity _____

Radio Equipment (Check all that apply)

- ☐ VHF ☐ MF ☐ HF ☐ SSB ☐ Other _____

Survival Equipment

Deployable _____
Describe and List Quantity

Fixed _____
Describe and List Quantity

Principal Airport

City _____ State _____

Additional Data _____

Emergency Contact Information (Please indicate someone other than the owner)

Name of Primary 24-Hour Emergency Contact: _____

Name of Alternate 24-Hour Emergency Contact: _____

Telephone

() _____
Area Code _____
() _____
Area Code _____
() _____
Area Code _____
() _____
Area Code _____

Telephone

() _____
Area Code _____
() _____
Area Code _____
() _____
Area Code _____
() _____
Area Code _____

Signature _____ Date _____

If you have any questions about this form or with ELT registration in general, please call 1-888-212-SAVE (7283) or 301-817-4515.
For information on the U.S. Search & Rescue Satellite-Aided Tracking system, please visit: www.sarsat.noaa.gov

OMB Auth. (0648-0295) Expires: 30JUN2011

Accurate hex code



TSOs

To obtain a technical standard order (TSO):

- ✓ ELTs must meet FCC, COSPAS/SARSAT, and FAA requirements
- ✓ Manufacturers must have FAA-approved quality assurance system and facility

No Substitutes Yet for ELTs

Cell phones



Personal location-based trackers



Thank you for your attention!




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